

WE CLAIM:

1. A method for treating prostate neoplasia in a subject, comprising the step of administering an effective amount of a composition to said subject to treat or prevent said prostate neoplasia, said composition comprising therapeutically effective amounts of supercritical extracts of rosemary, turmeric, oregano and ginger; and therapeutically effective amounts of hydroalcoholic extracts of holy basil, ginger, turmeric, *Scutellaria baicalensis*, rosemary, green tea, huzhang, Chinese goldthread, and barberry,

provided that said prostate neoplasia is not prostatic intraepithelial neoplasia.

2. The method of claim 1, wherein said composition is administered orally.

3. The method of claim 2, wherein the orally administered composition is in the form of one or more capsules, one or more tablets, or one or more pills.

4. The method of claim 1, wherein the composition comprises:

(A) from about 4.5% to about 7.5% by weight of the hydroalcoholic extract of ginger;

(B) from about 5.5% to about 8.5% by weight of the supercritical extract of ginger;

(C) from about 1.0% to about 1.5% by weight of the supercritical extract of turmeric;

(D) from about 10.0% to about 16.0% by weight of the supercritical extract of rosemary;

(E) from about 4.0% to about 6.0% by weight of the supercritical extract of oregano;

(F) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of turmeric;

(G) from about 5.5% to about 8.0% by weight of the hydroalcoholic extract of rosemary;
(H) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of holy basil;
5 (I) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of green tea;
(J) from about 8.0% to about 12.0% by weight of the hydroalcoholic extract of huzhang;
(K) from about 4.0% to about 6.0% by weight of
10 the hydroalcoholic extract of Chinese goldthread;
(L) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of barberry; and
(M) from about 2.0% to about 3.0% by weight of the hydroalcoholic extract of Scutellaria
15 baicalensis.

5. The method of claim 1, wherein the weight ratio of the supercritical extract of ginger to the hydroalcoholic extract of ginger is from about 0.9:1 to
20 about 1.4:1.

6. The method of claim 1, wherein the weight ratio of the hydroalcoholic extract of turmeric to the supercritical extract of turmeric is from about 8:1 to
25 about 12:1.

7. The method of claim 1, wherein the weight ratio of the supercritical extract of rosemary to the hydroalcoholic extract of rosemary is from about 1.6:1 to
30 about 2.4:1.

8. The method of claim 1, wherein the hydroalcoholic extract of ginger comprises from about 2.4% to about 3.6% by weight of pungent compounds.
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9. The method of claim 1, wherein the supercritical

extract of ginger comprises from about 24% to about 36% by weight of pungent compounds and from about 6.4% to about 9.6% by weight of zingiberene.

5 10. The method of claim 1, wherein the supercritical extract of turmeric comprises from about 36% to about 54% by weight of turmerones.

10 11. The method of claim 1, wherein the supercritical extract of rosemary comprises from about 18.4% to about 27.6% by weight of total phenolic antioxidants.

15 12. The method of claim 1, wherein the supercritical extract of oregano comprises from about 0.64% to about 0.96% by weight of total phenolic antioxidants.

20 13. The method of claim 1, wherein the hydroalcoholic extract of turmeric comprises from about 5.6% to about 8.4% by weight of curcumin.

 14. The method of claim 1, wherein the hydroalcoholic extract of rosemary comprises from about 18.4% to about 27.6% by weight of total phenolic antioxidants.

25 15. The method of claim 1, wherein the hydroalcoholic extract of holy basil comprises from about 1.6% to about 2.4% by weight of ursolic acid.

30 16. The method of claim 1, wherein the hydroalcoholic extract of green tea comprises from about 36% to about 54% by weight of polyphenols.

35 17. The method of claim 1, wherein the hydroalcoholic extract of huzhang comprises from about 6.4% to about 9.6% by weight of resveratrol.

18. The method of claim 1, wherein the hydroalcoholic extract of Chinese goldthread comprises from about 4.8% to about 7.2% by weight of berberine.

5 19. The method of claim 1, wherein the hydroalcoholic extract of barberry comprises from about 4.8% to about 7.2% by weight of berberine.

10 20. The method of claim 1, wherein said composition provided in step (a) comprises:

(A) from about 4.5% to about 7.5% by weight of the hydroalcoholic extract of ginger, wherein the extract comprises from about 2.4% to about 3.6% by weight of pungent compounds;

15 (B) from about 5.5% to about 8.5% by weight of the supercritical extract of ginger, wherein the extract comprises from about 24% to about 36% by weight of pungent compounds and from about 6.4% to about 9.6% by weight of zingiberene;

20 (C) from about 1.0% to about 1.5% by weight of the supercritical extract of turmeric, wherein the extract comprises from about 36% to about 54% by weight of turmerones;

25 (D) from about 10.0% to about 16.0% by weight of the supercritical extract of rosemary, wherein the extract comprises from about 18.4% to about 27.6% by weight of total phenolic antioxidants;

30 (E) from about 4.0% to about 6.0% by weight of the supercritical extract of oregano, wherein the extract comprises from about 0.64% to about 0.96% by weight of total phenolic antioxidants;

35 (F) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of turmeric, wherein the extract comprises from about 5.6% to about 8.4% by weight of curcumin;

(G) from about 5.5% to about 8.0% by weight of

the hydroalcoholic extract of rosemary, wherein the extract comprises from about 18.4% to about 27.6% by weight of total phenolic antioxidants; (H) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of holy basil, wherein the extract comprises from about 1.6% to about 2.4% by weight of ursolic acid; (I) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of green tea, wherein the extract comprises from about 36% to about 54% by weight of polyphenols; (J) from about 8.0% to about 12.0% by weight of the hydroalcoholic extract of huzhang, wherein the extract comprises from about 6.4% to about 9.6% by weight of resveratrol; (K) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of Chinese goldthread, wherein the extract from about 4.8% to about 7.2% by weight of berberine; (L) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of barberry, wherein the extract from about 4.8% to about 7.2% by weight of berberine; and (M) from about 2.0% to about 3.0% by weight of the hydroalcoholic extract of *Scutellaria baicalensis*; and wherein said composition further comprises:

(i) the supercritical extract of ginger and the hydroalcoholic extract of ginger at a weight ratio of from about 0.9 to about 1.4 parts of supercritical extract per 1 part of post-supercritical hydroalcoholic extract;

(ii) the hydroalcoholic extract of turmeric and the supercritical extract

of turmeric at a weight ratio of from about 8 to about 12 parts of hydroalcoholic extract per 1 part of supercritical extract; and
5 (iii) the supercritical extract of rosemary and the hydroalcoholic extract of rosemary at a weight ratio of from about 1.6 to about 2.4 parts of supercritical extract per 1 part of
10 hydroalcoholic extract.

21. The method of claim 1, said composition is administered in a daily dosage of at least about 700 mg.

15 22. The method of claim 1, wherein said composition is administered on a daily basis for at least 4 weeks.

23. A method for treating at least one cancerous tumor of the prostate in a subject, comprising the step of
20 administering an effective amount of a composition to said subject to treat said tumor, said composition comprising therapeutically effective amounts of supercritical extracts of rosemary, turmeric, oregano and ginger; and therapeutically effective amounts of hydroalcoholic
25 extracts of holy basil, ginger, turmeric, *Scutellaria baicalensis*, rosemary, green tea, huzhang, Chinese goldthread, and barberry.

24. The method of claim 23, wherein said composition
30 is administered orally.

25. The method of claim 24, wherein the orally administered composition is in the form of one or more capsules, one or more tablets, or one or more pills.

35 26. The method of claim 23, wherein the composition

comprises:

- (A) from about 4.5% to about 7.5% by weight of the hydroalcoholic extract of ginger;
- (B) from about 5.5% to about 8.5% by weight of the supercritical extract of ginger;
- (C) from about 1.0% to about 1.5% by weight of the supercritical extract of turmeric;
- (D) from about 10.0% to about 16.0% by weight of the supercritical extract of rosemary;
- (E) from about 4.0% to about 6.0% by weight of the supercritical extract of oregano;
- (F) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of turmeric;
- (G) from about 5.5% to about 8.0% by weight of the hydroalcoholic extract of rosemary;
- (H) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of holy basil;
- (I) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of green tea;
- (J) from about 8.0% to about 12.0% by weight of the hydroalcoholic extract of huzhang;
- (K) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of Chinese goldthread;
- (L) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of barberry; and
- (M) from about 2.0% to about 3.0% by weight of the hydroalcoholic extract of *Scutellaria baicalensis*.

27. The method of claim 23, wherein said at least one cancerous tumor is detected during surgery on the prostate of said subject, having not been felt by a physician on physical examination of said subject.

28. The method of claim 23, wherein said at least one cancerous tumor is confined to the prostate of said subject

and is detected by a physician on physical examination of said subject.

29. The method of claim 23, wherein cancer related to
5 said at least one cancerous tumor extends beyond the prostate capsule of said subject, but has not spread to lymph nodes in said subject.

30. The method of claim 23, wherein cancer related to
10 said at least one cancerous tumor is metastasized to regional lymph nodes or other parts of said subject.

31. A method for treating side effects associated with prostate neoplasia in a subject, comprising the step
15 of administering an effective amount of a composition to said subject to treat said side effects, said composition comprising therapeutically effective amounts of supercritical extracts of rosemary, turmeric, oregano and ginger; and therapeutically effective amounts of
20 hydroalcoholic extracts of holy basil, ginger, turmeric, *Scutellaria baicalensis*, rosemary, green tea, huzhang, Chinese goldthread, and barberry,

wherein said side effects are selected from the group consisting of disrupted sexual desire or performance on
25 either a temporary or permanent basis, impotence, extensive monitoring for progression of the disease, stress of illness, and urinary incontinence.

32. The method of claim 31, wherein said composition
30 is administered orally.

33. The method of claim 32, wherein the orally administered composition is in the form of one or more capsules, one or more tablets, or one or more pills.

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34. The method of claim 31, wherein the composition

comprises:

- (A) from about 4.5% to about 7.5% by weight of the hydroalcoholic extract of ginger;
- (B) from about 5.5% to about 8.5% by weight of the supercritical extract of ginger;
- (C) from about 1.0% to about 1.5% by weight of the supercritical extract of turmeric;
- (D) from about 10.0% to about 16.0% by weight of the supercritical extract of rosemary;
- (E) from about 4.0% to about 6.0% by weight of the supercritical extract of oregano;
- (F) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of turmeric;
- (G) from about 5.5% to about 8.0% by weight of the hydroalcoholic extract of rosemary;
- (H) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of holy basil;
- (I) from about 10.0% to about 16.0% by weight of the hydroalcoholic extract of green tea;
- (J) from about 8.0% to about 12.0% by weight of the hydroalcoholic extract of huzhang;
- (K) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of Chinese goldthread;
- (L) from about 4.0% to about 6.0% by weight of the hydroalcoholic extract of barberry; and
- (M) from about 2.0% to about 3.0% by weight of the hydroalcoholic extract of *Scutellaria baicalensis*.

35. The method of claim 31, wherein said side effect treated comprises disrupted sexual performance.